

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: April 29, 1997  
Date Received: April 28, 1997  
Project: Burning Table Free Liquid, PO #M57017  
Date Samples Extracted: April 29, 1997  
Date Extracts Analyzed: April 29, 1997

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR CHROMIUM, COPPER, NICKEL, AND ZINC  
USING METHOD 6010**

**Samples Processed Using Method 3005A**  
Results Reported as mg/L (ppm)

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M57017	1.4	0.78	6.0	2.1
Method Blank	<0.05	<0.05	<0.05	<0.05

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**QUALITY ASSURANCE RESULTS  
FOR TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Laboratory Code: 77501 (Duplicate)

Analyte:	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	1.4	1.4	0	0-20
Copper	mg/L (ppm)	0.78	0.78	0	0-20
Nickel	mg/L (ppm)	6.0	6.2	3	0-20
Zinc	mg/L (ppm)	2.1	2.1	0	0-20

Laboratory Code: 77501 (Matrix Spike)

Analyte:	Reporting Units	Spike Level	Sample Result	% Recovery MS MSD		Acceptance Criteria	Relative Percent Difference
Chromium	mg/L (ppm)	5	1.4	97	104	80-120	7
Copper	mg/L (ppm)	5	0.78	95	97	80-120	2
Nickel	mg/L (ppm)	10	6.0	103	110	80-120	7
Zinc	mg/L (ppm)	5	2.1	99	101	80-120	2

Laboratory Code: Spike Blank

Analyte:	Reporting Units	Spike Level	% Recovery MS MSD		Acceptance Criteria	Relative Percent Difference
Chromium	mg/L (ppm)	5	100	102	80-120	2
Copper	mg/L (ppm)	5	99	100	80-120	1
Nickel	mg/L (ppm)	10	105	107	80-120	2
Zinc	mg/L (ppm)	5	104	105	80-120	1

AI  
11:40

## SAMPLE CHAIN OF CUSTODY

Send Report To: Alaskan Copper Worker  
Company: \_\_\_\_\_  
Address: 628 Hardside St.  
City, State, Zip: Seattle WA 98174  
Phone # (206) 782-8379

Contact GERALD Thompson

Date 4-28-97

SITE NO.

PROJECT NAME

PURCHASE ORDER #

7238

Burning table Free Liquid

M57017

SAMPLERS (signature)

### PROJECT LOCATION

3317 6<sup>th</sup> Ave S.

REMARKS

### SAMPLE DISPOSAL INFORMATION

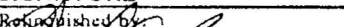

Rush! Fax Results  
382-4309

☐ Dispose after 30 days  
☒ Return Samples  
☐ Call for Instructions

Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
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71075W	4/28/97 7:00	H <sub>2</sub> O	/	77501	CR CU NI 22
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[illegible]

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: 	GERALD Thompson	ACLU	4-28-97	10:45
Received by: 	Siri Nelson	FBI	4/28/97	10:51
Relinquished by:				
Received by:				

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D.  
Beth M. Albertson, M.S.  
Bradley T. Benson  
Kelley Wilt

3012 16th Avenue West  
Seattle, WA 98119-2029  
TEL: (206) 285-8282  
FAX: (206) 283-5044

**April 29, 1997**

**INVOICE # 97ACU0429-2  
DUPLICATE COPY**

Accounts Payable  
Alaskan Copper Works  
628 South Hanford St.  
Seattle, WA 98134

**RE: Project Burning Table Free Liquid, PO #M57017: Results of testing  
requested by Gerry Thompson, Project Manager for material submitted on  
April 28, 1997.**

**1 water sample analyzed for  
Chromium, Copper, Nickel, and Zinc  
using Method 6010 @ \$65 per sample**

**\$ 65.00**

**Amount Due .....**

**\$ 65.00**

**FEDERAL TAX ID # (b) (6)**



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April 29, 1997

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford St.  
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on April 28, 1997 from your Burning Table Free Liquid, PO #M57017 project.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Kurt Johnson  
Chemist

keh  
Enclosures  
ACU0429R.DOC